VALUE OF SCIENCE IN BREED-ING PROVED HERE.

An Account of the Evolution of Cattle in America by an Expert - Many Breeds Combined in the So-Called Native Cattle Work of Improving the Herds.

George M. Rommel, expert in animal husbandry of the Bureau of Animal Industry, says in an Agricultural Department bulletin, just issued, that American breeders of cattle have equalled if not excelled the results reached on the other side of the water "But," he adds, "no supremacy of excellence, no victory in show ring or market, can efface the memory of the debt America owes to those sturdy yeomen whose names adorn the herd records of

England and Scotland." Mr. Rommel's pamphlet is devoted to a study of American breeds of beef cattle. He begins at the very beginning, going back to that voyage of Columbus on which the first cattle known in the western hemisphere are supposed to have been brought over. Other Spanish explorers and armed invaders followed Columbus's example, bringing not only cattle but horses as well.

There was an abundance of grass and water, and as the Spaniards penetrated urther into the interior of the country their herds in growing numbers followed From these sprang the native cattle of the West Indies and Mexico, the long-horned steers of Texas and the wild horses of the plains.

The next cattle immigration came with the Portuguese to Newfoundland and Nova Scotia. The French, too, introduced cattle into Acadia and New France.

These were carried into the far interior, and as far back as 1750 the French missionaries in Illinois possessed considerable herds of cattle, horses and swine. Virginia got her cattle from England

soon after the settlement of Jamestown. They multiplied in the Old Dominion very rapidly, one contributing cause being the fact that the law in those early days made the killing of cattle a crime punishable with death.

The Pilgrim Fathers began the cattle business with three heifers and a bull, brought over from England in the ship Charity in 1624. New Hampshire got her first cattle from Denmark, New York from Holland, and Delaware from Sweden, at about the time the Charity landed the three heifers and the bull.

The first shipment to the Carolinas was from England in 1670, while Georgia was the last of all the colonies to figure as a market for the English export trade in breeding cattle

Thus it was that the United States got its first start in that cattle business which in the year of grace 1992 has made it posslide to have all the present rumpus about the Meat Trust. The stock gathered from various parts of Europe were all so hope-lessly inter-crossed in course of time that their identity was lost, with the result that our forefathers had what were known as the native cattle of the United States. Of this stock Mr. Rommel says

"What the native stock was like we can best imagine from the stories of men now old, and from the scrub stock that is even

FAMILIES GROWING SMALLER. American Birth Rate Has Been Declining

Since 1000, Says Br. Engelmann. Dr. George J. Engelmann of Boston has been gathering statistics regarding the size of American families and has sent the result to the Journal of the American Medical Association. His conclusion is that the number of births in American families has been steadily declining ever since 1600 and is now rapidly approaching the

statistical level of France. Dr. Engelmann's observations are based upon 1,700 cases in private and dispensary practice in St. Louis and the study of 2.038 cases from the genealogical records of Massachusetts. These are his conclusions:

Among the laboring classes 21.2 per cent. American-born married women are childless, and among the so-called higher

While the number of childless women is While the number of childless women is great, the average number of children born to each woman is small and has been steadily growing smaller. From 1600 to 1650 the number of children in each family averaged 6.7; from 1804 to 1871 it had fallen to 4.27. At the present time, among the laboring classes, of St. Louis at any rate, it has fallen to slightly over 2.0 and among other Americans it is only 1.8.

Still another investigator in Massachusetts has lease feating on the same subject.

setts has been figuring on the same subject. Taking the census of 1895 as a basis, he estimates that among American-born mar-ried women in that State 20.2 per cent are childless. Among the foreign-born mar-ried women the childless proportion is only

SAMPLES COST MONEY. With Requests for Them.

From the Chicago Tribune of five that she may order a dress pattern the world's record for pacing mares. from one of these samples. Eighty thousand yards of silk are cut into minute triangles squares and parallelograms, meaning a re-tail loss of \$80,000 a year to these ten stores ample cutting department, aggregating in hese ten stores more than \$130,000 a s These totals amount to \$317,000

And in the face of these ilgures it may be said that the "sample craze," as it existed in the time of the crazy-qualt, is virtually a dead fad

Few people realize the extent of the sample ing department of the modern retail dry goods house. Fewer still realize that when a bolt of dress goods comes into the house and is unpacked, the first thing done with it is to suip of a full yard from the bolt ranging from twenty-five to fifty yards, and perhaps two ards from the bolt that runs longer than this As much of this goods is tifty-four to sixty inches wide, the average of one part to the bolt is low, as is the price fixed at 75 cents. From one-third to one-haif a yerd of this clipping goes directly to the sample ting room. In sending up these clippings they are bunched according to values and without reference to colors or shades.

There may be ten strips from as many pieces of goods, the whole bunch held together by a tag on which the cost price is marked. The manager of the cuiting department receives this, and with some general directions the goods are turned over to the boy who is to do the cutting. The average width of the

2:10 HORSES OWNED HERE.

NEW YORK IS WELL SUPPLIED WITH ROAD SPEED.

Has More Low-Record Harness Cracks Than Any City in the World John R. Gentry, 2:00 1-2, Heads the Long List Lord Derby, The Abbot and Others.

New Yorkers own more low-record harness horses than are owned in any city in the world. Look at the list below, beeved to include the 2:10 road horses, and almost all others at the stud, actually wned by New Yorkers.

To F. H. Harriman belongs the honor of owning the fastest of our harness horses, handsome little John R. Gentry, 2:00%, and with Nathan Straus's ex-king, Robert J., 2011, holding the world's pole record, Robert J. shares with C. K. G. Billings's Little Boy the 2:01% honors, yet old Joe Patchen, 2014, is a shade faster by the record. Formerly he held the wagon record, 2 001, but Bumps cut it to 2 031, Coney equalled that and Little Boy lowered to 2 02 here on Sept. 28 last; then at Memphis to 2:01% and 2:01%, driven by his owner the last two times, and by Frank G. Jones on the 2:02 occasion.

2 02, belongs to Harry T. Dykman of White Plains, who can always be found at the Murray Hill Hotel. We have The Abbot Fortunes Spent by Hig Stores in Complying and J. H. Shults's Directly, a trotter and pacer, at the 2 03% line. James Butler has Hetty G., 205%; Direct, 205%; Klatawah, 2 05 ... Directum Kelly, 2.08 .. a very ex-Ten big retail dry goods houses in down town Chicago send out every year 220,000 cellent quariet. M. E. Sturgis outshines yards of woollen dress goods, representing him a fittle with the \$20,000 Pan Patch, a retail price of 75 cents a yard, and only that 2011. Mr. Billings's bay mure Mazette, an individual customer may satisfy herself 2011, leads even the unbeaten stallion. as to what is being worn, or in one case out and also shares with Lady of the Manor

In the Billings stable, too, is Free Bond, 2.04% to wagon; The Admiral, 2.05%; Lucille, 2071, to wagon; Hontas Crooke, 2071; to And, on top of this, nearly every line of goods in a house suffers from the shears of the Dr. Monical, 2003; Capter, 2004; in a house suffers from the shears of the Dr. Monical, 2003; Dr. Book, 2:10, Mabel Onward, 2 101; Franker, 2 11; Louise Jeffer-

> Frederick Dietz owns Bessie Bonebill 2.05%, and A. C. Bostwick's Johnny Agan is at 2.05% John H. Shults has a lot headed by Lena N. 2.05%, and including such as Sunland Belle, 2:071; matinee, 2:081, harness race record; Sunol, 2:081, the champion to high-wheel sulky as yet; Laurel, 2001; usie T., 2 (912, Ada P., 2 0012, and many others in the 2.10 list. W M Jenks, Brooklyn, has Will Leyburn, 206, and William Broistedt of the same section of Greater New York owns good old George, 2:06% as a pacer, 2:13% trotting. W. N. Joyce, Brooklyn, owns Will Kerr, 2:07%, or did at last accounts, also Smith, 2:13, over a

Returning to New York again E E Smathers owns Lord Derby, 2065; Frank Darren, Bell Boy, 2071; Dr Donge, Redunds, 2004, and Mr. Smatners, Spring 8, 2084, and Fred S Wedgewood, 2084, hur before them come Senator McCarty's Fred Kohi, 2004, and Mr. Scannell's Shadow Chines, 2004, Nathan Strans has Quadriga, 2084,

best imagine from the stories of men now old, and from the serub stock that is even one of the cutting. The average width of the strips in the cutting as they wandered westward gave this stock a cosmopolitan character that was representative, perhaps, but hardly profitable.

Lack of case by farmers, with no Bakewell to point the way to improvement, brought about a type of animal that a century has not been able to absorb.

In the vears from 1760 to 1837 there was an awasening. That was the ern of the formentive stage of Anglo-Naxon cattle breeding.

It was in 1760 that Robert Bakewell began the operations which lift to provide the result of the substing an impress upon the cartie-broeding business. He was the first man to practise systematic inbreeding. Around his name those of all great improvers of live stock group themselves, and from the lessons he taught by example every breeder to this day learns the fundamentals of his craft.

HARVARD AND ROOSEVELT.

President Wishes to Go to the University in June as One of the "Old Grads." Boston, May 22.-It is understood at Cambridge that President Roosevelt wishes to visit Harvard at commencement this June as much as possible like any other old grad," and as little as possible as the President of the United States. Last year he came as plain "Roosevelt, '80," and nothing was made of the fact that he was Vice-

esident of the United States. A professor of the college declared this norming that the President might not even get a degree. "Of course, this we know nothing of at Cambridge," he continued. "It is the work of the corporation and the overseers and verseers, and except in prominent cases s kept secret until Commencement Day is kept secret until Commencement Day itself. If the President gets a degree, it will be the highest the university can bestow, that of LL. D."

MR. SCHWAR GIVES \$3,000.

Steel Trust President Presents That Sum

to a Haptist Church. BRADDOCK, Pa., May 22.—President Charles M. Schwab of the United States Steel Corporation yesterday presented to the First Baptist Congregation of this place a check for \$5,000, which will enable the congregation to dedicate its new church building at Talbot avenue and Seventh street free of debt. The congregation is composed principally of employees of the mills and furnaces of the Carnegie Steel Company and the building is being erected at a cost of \$20,000, exclusive of a \$5,000 pipe organ which was presented by Andrew Carnegie

y Andrew Carnegie. Mr. Schwah's contribution to-day makes total of \$150,000 which he has given to

HEAVY RAIN IN KANSAS. Farm Lands Flooded and Wany Washouts

WICHITA, Kan., May 22 - Heavy rain, mounting to cloudbursts in many communities, has visited the southern section of Kansas to-day. Trains are delayed and washouts in many places are reported The Arkansas River is out of its banks and is flooding the farming section. In the Arkansas Valley thousands of acres of farm land are under water and crops are

eing washed out In Wichita several hundred houses in the western part of the town are surrounded by water and the occupants have been

reed to leave them. Two people were drowned to-day at

BLAZE ON A FERRY BOAT. Burning Mattresses Beadened With Water and Then Pitched Overboard.

Several mattresses on a truck owned by the Acme Bedding Company of this city caught fire vesterday morning on the Pennsylvania Railroad ferryboat Philadelphia of the Twenty-third street line le the boat was in midstream on her

pails of water kept for fire-t inguishing purposes in the men's cabin and emptied them on the flames. They finished the job by backing the wagon to the rear of the boat and then pitched the burning mattresses overboard.

NEW OBLEANS, La , May 22. - The Ohio River steamer John K. Speed was burned at her wharf at the foot of Gravier street this afternoon. The fire spread to the wharves which were covered with oil, cotton and other inflammable material. A general alarm was sent in and the entire fire department turned out. The engines suc-esded in preventing the fire from spread-ing. Fire engine 14 ran over the wharf and was carried to the bottom of the Mis-

COSTLY POKER LESSONS.

It is Often Expensive to Teach the Uninitiated the Rudiments of the Game.

A brace of young married couples, living

BEREAVED PARENTS TORTURED

EXPLOITERS OF LITTLE FLANAGAN GIRL'S DEATH.

andalous Efforts to Make Money Out of It -False Reports Published and a Bogus "Kidnapper's" Letter Written

Michael J. Flannagan and his wife of 2576 Righth avenue, whose four-year-old daugh ter Kathleen disappeared and was, in all probability, drowned last Saturday, have suffered additional distress for the last

The child was with her father, brother, two sisters and two cousins on the pier at the foot of West 133d street just before she was missed. She was standing near the stringpiece throwing stones into the river That was the last seen or heard of her The child's mother, brothers, sisters and cousins who were with her assumed that she must have fallen overboard. The police took that view after a search in Harlem and across the river in Jersey. The father thinks, too, that probably his little girl was drowned, but he said:

"I don't see how she could have fallen overboard without our knowing it. I almost believe that she was kidnapped. I hope so. It is easier to think that than to

give her up for dead."

The word "kidnapped" was all that was needed. Late the next night Mr. Flannagan, who is a laborer, received a letter demanding \$5,000 ransom and containing a threat to kill the child. The letter was not the containing a threat to kill the child. too late to appear "exclusively" in the first newspaper that had first seized on the unfortunate family as victims of a sepa-

from.

Following the publication of the obviously "faked" letter the paper that had had a and the rival sheet began to print 'c u s One of them was that Sister Aloysus of the Sisters of the Good Heart Convent, in the Sisters of the Good Heart Convent. In Townsend avenue near West 140th street, had seen the child dragged away by a man in rough clothes. There is no such convent and no Townsend avenue in Manhattan. But Mr. and Mrs. Flannagan, worn out with worry and grief, read that thing and spent all one afternoon trying to find the sister and

The north day these papers said that prayers were being said in the Catholic churches of Harlem, at the request of the parents, for the recovery of the lost child. They had made no such request.

Yesterday reporters were asking men in Hariem to offer rewards for the recovery of the child alive and the conviction of the kidnapper, assuring them that there was no risk worth mentioning. The Flaunagans closed their doors last night to the reporters who have made the loss of their little girl an occasion for tor-

NEWS OF THE WREELMEN. Racing Season Here to Open With Invitation Meet Sprinkling Hearing.

The Metropolitan racing season is to be inaugurated at Manhattan Beach on June 21 by the Metropole Cycling Club Arrange-ments have been made for a gigantic meet with admission by invitation only. The full support of the racing men has been enlisted and practically all the riders of renown will be in the competitive lists. Special sanctions have been obtained so as to permit the offering of unusual prizes and several novelties in track contests have been

J. B. Thompson, chairman of the Rights of Wheelmen and Legislation Committee of the L. A. W. has asked for a hearing before the city officials, at which he decres to offer testimony from wheelmen drivers and others which he thinks will tend to show that the Street Sprinkling Association is not living up to its contract and that its license can therefore be revoked The hearing has been granted. The Joint Committee of Road Users, who have been opposing the sprinkling heen granted The Joint Committee of Road Large, who have been opposing the sprinking methods now employed, have been hoping to see the present contract abrogated, so that the new ordinance putting the control of the street watering in the hands of the Street Cleaning Department would be immediately operative. This ordinance has been reported favorably by the Aldermanic Law committee, but has been referred back to it to consider whether the control of the work had not better be given to the several Borough Presidents, instead of to the Street Cleaning Department A hearing on the Grant Department Department A hearing On the Grant Department D

The standard of the standard o

PRIZEFIGHT MAY BE FATAL. Tommy Noonan's Skull Fractured in Bout

With Tommy Dixon. Irstov, May 22.-Tommy Noonan, a white boy of Chelsea, is dying at the City Hospital as a result of a blow administered by Tommy Dixon of Chicago in a boxing contest at the Lenox A. C. to-night. The boys were to have boxed six rounds as a preliminary to the Dick O'Brien-George Byers contest, but in the fifth round Dixon, who is colored, rushed his weaker opponent across the ring and when near the ropes of the latter's corner sent a successuffered additional distress for the last three days because two newspapers have tried to make capital out of the family's guerd, Dixon whipped a right hand hook to the jaw and Noonan went down uncon-

Referee Dan Donnelly motioned Dixon to his corner, signifying the end of the contest and tenderly carried the unconscious boxer to his corner. The usual methods of reto his corner. The usual methods of re-viving a boxer were resorted to but with-out success, and the services of several physicians who were present were procured. After half an hour of futile work over the injured lad strychnine pills were admin-istered, but without avail, and finally ether was used. This drug had the effect of causing seed. ether was used. This drug had the effect of causing nausea, and a large clot of blood which had lodged in the throat was taken from him. The officials of the club, acting on the advice of the doctors, called an ambulance, and Noonan was taken to the hospital. At a late hour to-night he was said to be suffering from a fractured skull and was on the dangerous list. The other bouts were called off.

Tommy Dixon was placed under accest

Tommy Dixon was placed under arrest by the police late to-night. It is expected that warrants will be issued for the club management to-morrow morning

GOLF.

Produce Exchange findicap Profife in Tled Scores.

The fifth semiannual handicap of the Produce Exchange was played yesterday at the Knollwood Country Club links There was a fine fleid of competitors and the result was a tie for first prize between W. M. McCord. Knollwood Country Club, and Edward Flash, Harbor Hill Golf Club, while there was a tie for third place between F. M. Wilson and W. W. Wilson, both of the Englewood Golf Club The course was in fine condition and many low scores were made. The summary

50 B. S. Wreaks, Suburban, 118, 18—100.
The others to this beere,
S. M. B. Snewlig, 101; H. Phelps, Pelham, 101;
H. M. Banks, Englewood, 103; E. Pfarrins, Englewood, 110; W. S. Barb, Crescent, 112; A. H. Smith,
Paltuscol, 115; A. Heupman, 125; W. S. Lambert,
150, James Barger, 153; L. H. Spence, 170.

An interesting team match was played yesterday on the Apawamis Club links, be-tween the women and the men, in which the men gave two strokes to the women on the seventh, ninth, fourteenth and seventeenth holes and one stroke on the other holes. The men won the match, but Miss Genevieve Hecker, the woman champion, best Maturin Ballou. The scores follow Women—Miss G. Hecker, 3. Mrs. H. B. Clark, 0. Miss M. Eddy, 3. Miss M. Gwyn, 0. Miss L. B. Hecker, 0. Miss A. Maylay, 0. Total, 4. Mer.—M. Ballou, 0. M. Graham, 0. F. A. Meore, 0. H. Downer, 3. H. Moore, 2. W. S. Adams, 3. To-

FLUSHING, May 22 -At the Flushing County Club to-day The S Williams Briscoe Ladies Cup, bendicap medal play was won as follows Kights

tiee of before to offer to the first term of the first ter

HANDBALL CHAMPIONS MEET.

INTERNATIONAL MATCH BE-GINS ON JERSEY COURTS.

Oliver Brew, the Irish Expert. Outplays Mike Egan in Opening Games The Visitor's Lefthand Play and Phy-

ding Service Bother the American The international handball match for ma hampionship of the world and a shape of \$250 between Oliver Drew of the Cora Burg. ball Club, Ireland, and Mike Egan, the Ameri can champion, began yesterday afternoon; the Jersey City Handball Court at 2.3 Meters street, Jersey City The match calls for the best of fifteen games, seven of which agra played yesterday The Irishfoun showed that he possesses rare againty and is a protclass exponent of the sport There big crowd of followers of the granest exact and long before the game was called a set at a premium, as high as \$10 being of r for a place on the front row.

Before the first game began Egan was a

favorite, and those who were only

acquainted with the more

of the game fancied the Jersey be an easy winner. Egan was big a ful and beside the lithe but active to ful and beside the lithe but active Drew cooled like a Colossis. Egan was stripped to the waist and wore trunks made out of the Anaryscan flag, while Drew wore the loose-litting costume in vogue among amateur at listen in the old country. In style of play and build no two athletes could be in more direct contrast. Egan had massive shoulders and the cogged, burly look of a prizelighter while Drew, black-haired and blue-yed, had a pleasant smile all the time.

Thew's strong point was his pureling service and as he is a left-haired player, the trunk tactics had the American all at sea. I gan depended on his smashing religing, he to go the frish player took with the Ultract roach he let pass. The games consisted of worth acceptant of the floor inside a short gas and not from a centre space as in the torque championship matches. The regulation all cracker hall was used and each player as an approach is a single cracker. championship matches. The re cracker, ball was used and ea-

The sixth game went to Egan, a was a score of 2 all. Egan, seventh game with an new when he with a hair-raising return from corners by Drew. In the next made two, and on the third ace it out "by Drew, who went in and see aces, simply smothering Egan by service. The Irisiman really we

POURTH GAME FIFTH GAME. SISTN GAME. Fren BEYNNIN GAME. Drew Fran Total Sets Drew, 4 Ezan, 3.

George Cole and Ed Benfas Rox a Six-Round Draw.

PHILADELPRIA. May 22 George Cole of Trenton and Ed Denfas of this city bened a 6-round draw before the Broadway Athleta 6-round draw before the Broadway Athlete Club to-night. It was the second meeting between the men within two weeks too forced matters at a hurricane clip for these rounds, but the local man went at Cole is savage style in the fourth, and in that round and the fifth and sixth he more than evened up things.

The St. George team was , asily defeated by the Lafayettes and Orientals in Amann & Treiss's to impment last night. The scores

St. George Murphy, 126 Lipsey, 60; Forter, 137; Oliver, 135; Von Boeckoman, 130; Total, 63; Langette-Church, 150; Stein, 150; Bernsten, 150; Usis, 210; Davis, 201; Total, 888.
St. George Murphy, 17; Jacobs, 135; Escher, 112; Oliver, 148; On Boeckoman, 181; Total, 22;